

| Ref # | Hits  | Search Query  | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|-------|---|---|------------------|---------|------------------|
| S1    | 2     | "20050210083"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/11/16 17:43 |
| S2    | 1252  | file adj conversion   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/11/16 18:18 |
| S3    | 431   | S2 and (storage adj (system or medium))                                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/11/16 18:15 |
| S4    | 170   | S3 and (converted adj file)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/11/16 18:15 |
| S5    | 28    | S4 and (original adj file)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/11/16 18:15 |
| S6    | 21    | S5 and relationship   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/11/16 18:16 |
| S7    | 3     | (file adj conversion) same (file adj storage) same (storage adj medium) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/11/16 18:19 |
| S8    | 68130 | storage adj system  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/11/16 18:19 |

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| S9  | 121 | S8 and (file adj conversion)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/11/16 18:19 |
| S10 | 65  | S9 and (storage adj medium)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/11/16 18:20 |
| S11 | 62  | S10 and (file with format)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/11/16 18:20 |
| S12 | 51  | S11 and (file with (connection or relation or relationship or link)) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/11/16 18:20 |
| S13 | 47  | S12 and table  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/11/16 18:21 |
| S14 | 1   | S12 and (table with directory)                                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/11/16 18:21 |
| S15 | 41  | S13 and directory  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/11/16 18:23 |
| S16 | 1   | S15 and (external with unit)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/11/16 18:22 |

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| S17 | 1    | S15 and (external adj storage)              | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/11/16 18:22 |
| S18 | 1    | S15 and (hash adj value)                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/11/16 18:22 |
| S19 | 1    | (file adj conversion) same (hash adj value) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/11/16 18:23 |
| S20 | 1305 | 707/203.ccls.                               | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/11/21 17:56 |
| S21 | 223  | S20 and (file near3 format\$1)              | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/11/21 17:57 |
| S22 | 4    | S21 and (hash adj value\$3)                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/11/21 17:57 |
| S23 | 113  | S20 and (file adj format\$1)                | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/11/21 18:06 |
| S24 | 0    | S23 and (hash with (file near3 format\$1))  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/11/21 18:00 |

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| S25 | 1    | S23 and (hash same (file near3 format\$1))      | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/11/21 18:00 |
| S26 | 19   | S23 and (storage adj system)                    | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/11/21 18:01 |
| S27 | 29   | S20 and ((file adj format\$1) same convert\$4)  | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/11/21 18:12 |
| S28 | 5050 | file adj conver\$5                              | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/11/22 10:23 |
| S29 | 2378 | S28 and (file\$1 with format\$4 with conver\$5) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/11/22 10:24 |
| S30 | 119  | S29 and (hash adj value\$1)                     | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/11/22 10:24 |
| S31 | 119  | S30 and (table or directory)                    | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/11/22 10:25 |
| S32 | 114  | S31 and storage                                 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/11/22 10:26 |

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| S33 | 109 | S32 and (file adj format\$4)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/11/22 10:26 |
| S34 | 108 | S33 and network\$4            | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/11/22 10:27 |
| S35 | 108 | S34 and (file with stor\$4)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/11/22 10:27 |
| S36 | 105 | S35 and (list with format\$4) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/11/22 10:33 |
| S37 | 13  | S36 and (read with file)      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/11/22 10:28 |
| S38 | 1   | S36 and (hash with check\$4)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/11/22 10:28 |
| S39 | 0   | S36 and 707/203.ccls.         | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/11/22 10:32 |
| S40 | 1   | S36 and "707"/\$.ccls.        | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/11/22 10:32 |

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| S41 | 0   | S28 and "707".ccls.          | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/11/22 10:37 |
| S42 | 541 | S28 and "707"/\$.ccls.       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/11/22 10:39 |
| S43 | 16  | S42 and (hash adj value\$1)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/11/22 10:40 |
| S44 | 16  | S43 and (table or directory) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/11/22 10:40 |
| S45 | 14  | S44 and storage              | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/11/22 10:40 |
| S46 | 2   | S45 and (file adj format\$4) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/11/22 10:40 |
| S47 | 2   | "5708828".pn.                | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/11/22 10:57 |
| S48 | 2   | "5848415".pn.                | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/11/22 10:58 |

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| S49 | 2 | "6122685".pn. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/11/22 10:58 |
| S50 | 3 | "6615327".pn. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/11/22 10:59 |
| S51 | 2 | "6691113".pn. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/11/22 10:59 |
| S52 | 2 | "20010013085" | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/11/22 11:00 |
| S53 | 2 | "20020059263" | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/11/22 11:00 |
| S54 | 2 | "20020059307" | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/11/22 11:01 |
| S55 | 2 | "20020169792" | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/11/22 11:02 |
| S56 | 2 | "2001312483"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/11/22 11:02 |

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| S57 | 55  | file with convert with multiple with format   | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/11/22 11:53 |
| S58 | 0   | S57 and (hash adj value)  | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/11/22 11:53 |
| S59 | 18  | (original adj file) with (converted adj file)   | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/11/22 12:03 |
| S60 | 366 | stor\$4 with (multiple with file with format\$1)  | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/11/22 12:04 |
| S61 | 17  | S60 and (convert\$1 with file\$1 with multiple with format\$1)  | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/11/22 12:04 |
| S62 | 1   | ("2002/0147734").URPN.  | USPAT  | OR | ON | 2005/11/22 15:39 |
| S63 | 15  | ("6003042").URPN.   | USPAT  | OR | ON | 2005/11/22 15:50 |
| S64 | 2   | (converted adj file) same (hash adj value)  | USPAT  | OR | ON | 2005/11/22 15:50 |
| S65 | 4   | ("6377952").URPN.   | USPAT  | OR | ON | 2005/11/22 16:00 |
| S66 | 12  | ("5261080"   "5341478"   "5437025"   "5440744"   "5560005"   "5577252"   "5596744"   "5613099"   "5634010"   "5634053"   "5634124"   "5706434").PN. | US-PGPUB; USPAT; USOCR                             | OR | ON | 2005/11/22 16:38 |
| S71 | 2   | "5911776".pn.   | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/11/22 16:40 |

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| S72 | 100 | ("5680618" "5704060" "6119118"<br>"4041463" "4586027" "4947367"<br>"5231506" "5313572" "5375204"<br>"5386493" "5502576" "5519869"<br>"5528293" "5528742" "5548687"<br>"5557790" "5557674" "5608542"<br>"5613097" "5628007" "5633472"<br>"5690406" "5729741" "5793938"<br>"5806078" "5805086" "5819020"<br>"5832171" "5841885" "5864651"<br>"5873101" "5892847" "5974563"<br>"5983295" "5991402" "5991542"<br>"5999722" "6009547" "6023711"<br>"6043948" "6075669" "6085266"<br>"6088747" "6112250" "6115486"<br>"6134552" "6145124" "6151069"<br>"6161107" "6192393").pn. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/11/23 10:05 |
| S73 | 20  | S72 and (file near3 conver\$5)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/11/23 10:11 |
| S74 | 0   | S72 and (hash adj value)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/11/23 10:11 |
| S75 | 10  | S72 and ((hash adj value) or<br>checksum)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/11/23 10:12 |
| S76 | 96  | ("6226411" "6226711" "6226411"<br>"6226711" "6229523" "6330573"<br>"6338093" "6343310" "6430563"<br>"6453329" "6782402" "6856414"<br>"5867112" "4955066" "4821662"<br>"4992887" "5373375" "5398314"<br>"5411258" "5444614" "5596639"<br>"5602377" "5619623" "5646997"<br>"5710719" "5740335" "5742815"<br>"5748859" "5854597" "5889961"<br>"5896462" "5912972" "6006231"<br>"6047374" "6098148" "6101604"<br>"6115818" "6123258" "6163842"<br>"6184454" "6208348" "6256738"<br>"6272558" "6288799" "6313850"<br>"6343342" "6397276" "6411227"<br>"6453073" "6523114").pn. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/11/23 10:20 |

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| S77 | 1    | S76 and (hash near3 value\$1)           | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/11/23 10:55 |
| S78 | 45   | (file adj format) same (hash adj value) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/11/23 10:59 |
| S79 | 18   | S78 and (file with conver\$5)           | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/11/23 10:58 |
| S80 | 2    | S78 and (file with convert\$3)          | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/11/23 10:58 |
| S81 | 1259 | file adj conversion                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/11/23 11:03 |
| S82 | 1    | S81 same (hash adj value)               | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/11/23 11:03 |
| S83 | 5    | S81 and (hash adj value)                | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/11/23 11:05 |
| S84 | 1    | S81 and (hash adj check\$4)             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/11/23 11:05 |

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| S85 | 0  | S81 same checksum | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/11/23 11:06 |
| S86 | 0  | S81 with checksum | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/11/23 11:06 |
| S87 | 20 | S81 and checksum  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/11/23 11:06 |